



Executive Committee Report

**NOvA Collaboration Meeting
Argonne
29 January 2005**

Gary Feldman



Decisions

- **Propose the monolithic design**
 - Best physics and most likely to be approved
 - Easiest to justify in time remaining to the proposal
 - If problems arise, modify the design to deal with them at the time
 - Keep parameters, except for 6-cm cell depth (see table)
 - Decide the proposed mass after final simulations
- **Prepare a proposal for the April PAC meeting as best we can**
 - I will contact people with writing assignments



Ang Lee Calculation

Table -2 Details of the Calculation Result

Case	Cell size High/ Beam dir	Wall Thickness t _{side} /t _{web}	Stress psi (for vertical extrusion under 21 psi standing along)	Horizontal Extrusion		SF (Web subjected to 21 psi)
				SF (for lowest cell buckling)	Working stress psi	
*Ref	38.8/45	3/2	1,491	11	432	5
1	38.8/60	3/2	1,491	7.7	578	3
2	38.8/90	3/3	1,485	5.5	866	3.5
3	52.4/45	4.5/2	1,420	18	305	4.5
4	79.5/45	7/3	1,606	31	224	9
5	52.4/60	4.5/3	1433	14	406	6.7
6	79.5/90	7/4	1,622	15	406	5